

What is claimed is:

1. A card connector comprising:

an insertion cavity for receiving a card inserted therein in a card inserting direction;

5 a first insulative frame fixed to a mounting surface and defining a rear side of the insertion cavity;

a plurality of contacts held by the first frame as facing toward the insertion cavity;

a second metal frame of a channel shape fixed to  
10 the mounting surface and having a top plate parallel to the mounting surface and first and second side walls to define the insertion cavity between the mounting surface and the second frame; and

an inverted card insertion preventing projection  
15 provided on one of the first and second side walls of the second frame for preventing the card from being inserted upside down into the insertion cavity;

the inverted card insertion preventing projection projecting in an area of the insertion cavity associated  
20 with a first half of a card inserting stroke.

2. A card connector as set forth in claim 1,

wherein the inverted card insertion preventing projection abuts against an insertion side end face of the card to prevent the insertion of the card when the  
25 card is inserted upside down into the insertion cavity,

and

wherein the inverted card insertion preventing projection is fitted in a groove formed in a corresponding lateral side face of the card as extending in the card inserting direction to permit the insertion of the card when the card is inserted in a non-inverted normal state into the insertion cavity.

3. A card connector as set forth in claim 1 or 2, wherein the inverted card insertion preventing projection includes a projection cut and raised from one of the first and second side walls of the second frame.

4. A card connector as set forth in claim 3, wherein the inverted card insertion preventing projection includes a projection supported at one end thereof.

5. A card connector as set forth in claim 3, wherein the inverted card insertion preventing projection has a mountain shape as projecting in the insertion cavity and is supported at opposite ends thereof.

6. A connector as set forth in claim 1 or 2, wherein the inverted card insertion preventing projection includes a projection bulged from one of the first and second side walls of the second frame.

7. A card connector as set forth in any one of claims 1 to 6, wherein the inverted card insertion preventing projection functions as a card grounding projection.

8. A card connector as set forth in any one of claims 1 to 7, wherein the inverted card insertion preventing projection functions as a card guiding projection for guiding the card into the insertion cavity when the card  
5 is inserted in the non-inverted normal state into the insertion cavity.

9. A card connector as set forth in any one of claims 1 to 8, wherein an upper side of the insertion cavity is defined by the top plate of the second frame, and lateral  
10 sides of the insertion cavity are respectively defined by the first and second side walls of the second frame.

10. A card connector as set forth in any one of claims 1 to 9, further comprising an eject mechanism for ejecting the inserted card from the insertion cavity,

15 wherein the eject mechanism comprises an eject arm for pressing the insertion side end face of the card inserted in the insertion cavity in a card ejecting direction, and an operation arm linked to the eject arm via a link arm,

20 wherein the operation arm is supported slidably along an outer surface of the side wall of the second frame provided with the inverted card insertion preventing projection.